

## SEQUENCE LISTING

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 Fanning, Gregory

<120> Double-Stranded RNA-Mediated Gene Suppression

<130> J&J 2084

<150> US 60/258,733

<151> 2000-12-28

<150> US 60/258,731

<151> 2000-12-28

<150> AU PR3028

<151> 2001-02-09

<160> 35

<170> PatentIn version 3.1

<210> 1

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<400> 22  
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<400> 23  
gaattcaatt cggccttat cagggccatg catgtcgagg ccgcctccgc ggcgcctga 60  
tgagtcctg aggacgaaac atgcataggg cctgat 97

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<400> 26  
gaacttgtag ccgtttac 18

<210> 27

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<400> 28  
 cactgcattc tagttgtg 18

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<400> 29  
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<400> 30  
 agccagcgat gcaaagatgg tgttg 25

<210> 31  
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<220>  
 <223> region of the HIV-1 genome

<400> 31  
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gagatccctc agaccctttt agtcagtgtg gaaaatctct agcagtggcg cccgaacagg 120
gacctgaaa cgaaggga accagaggag ctctctcgac gcaggactcg gcttgcgtgaa 180
gcgcgcacgg caagaggcga ggggcgcgga ctgggtgagta cgccaaaaat ttgactagc 240
ggaggctaga aggagagaga tgggtgcgag agcgtcagta ttaagcgggg gagaattaga 300
tcgatgggaa aaaattcggg taaggccagg gggaaagaaa aaatataaat taaaacatat 360
agtatgggca agcaggggag tagaacgatt cgaggttaat cctggcctgt tagaaacatc 420
agaaggctgt agacaaatac tgggacagct acaaccatcc cttcagacag gatcagaaga 480
acttagatca ttatataata cagtagcaac cctctattgt gtgcatcaaa ggatagagat 540
aaaagacacc aaggaagct 559

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<210> 32
<211> 252
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<220>
<223> IVS ribozyme

<400> 32
agatctggca ctgagtaatt gctgcagatc gtcaaaagca ggagtccttg agtagtctct 60
agcatacggg acctactcaa gctatgcacg aagcttggtg ccgagctcgg atccactagt 120
aacggccgcc agtgtgctgg aattcgccct taagggcgaa ttctgcagat atcaagcttt 180
ctagagtatg ctagtaatga cgatctgcag caatctgatg agtccttgag gacgaaactc 240
agtgccagat ct 252

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<210> 33
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<220>
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tatttgtcta cagccttctg atgtttctaa caggccagga ttaactcgga atcgttctag 180
ctccctgctt gcccaacta tatgttttaa tttatatatt ttctttcccc ctggccctaa 240

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ccgaattttt tcccatcgat ctaattctcc cccgcttaat actgacgctc tcgcacccat      300
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cgctctcttc cgtgcgcgct tcagcaagcc gagtctgcg tcgagagagc tcctctggtt      420
tcctctttgc tttcaggctc ctgttcgggc gccactgcta gagattttcc acactgacta      480
aaaggggtctg agggatctct agttaccaga gtcacacaac agacggggcac acactacttg      540
aagcactcaa ggcaagctt                                     559

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<210> 34
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<220>
<223> region containing HIV Tar sequence

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Met Glu Pro Val Asp Pro Arg Leu Glu Pro Trp Lys His Pro Gly Ser
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Gln Pro Lys Thr Ala Cys Thr Asn Cys Tyr Cys Lys Lys Cys Cys Phe
20          25          30

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His Cys Gln Val Cys Phe Ile Thr Lys Ala Leu Gly Ile Ser Tyr Gly
35          40          45

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Arg Lys Lys Arg Arg Gln Arg Arg Arg Pro Pro Gln Gly Ser Gln Thr
50          55          60

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His Gln Val Ser Leu Ser Lys Gln Pro Thr Ser Gln Ser Arg Gly Asp
65          70          75          80

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Pro Thr Gly Pro Lys Glu  
85

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